

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

8/1/17

Date of Issuance:

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:
Conditional

EPA Reg. Number:

Name of Pesticide Product: Attendant 600 FS

Name and Address of Registrant (include ZIP Code):

Robyn Clark MacDermid Agricultural Solutions, Inc. 245 Freight Street Waterbury, CT 06702

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/registration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Sincerely,	Date:
Such for	8/1/17
Venus Eagle, Product Manager 01	
Invertebrate & Vertebrate Branch 3	
Registration Division (7505P)	
Office of Pesticide Programs	

Signature of Approving Official

- 2. You are required to comply with the data requirements described in the GDCI identified below:
  - a. Imidacloprid GDCI-129099-951

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <a href="http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1">http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1</a>

- 3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 400-607."
- 4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 05/01/17
- Alternate CSF 1 dated 05/01/17
- Alternate CSF 2 dated 05/01/17

If you have any questions, please contact Gene Benbow by phone at 703-347-0235, or via email at Benbow.Gene@epa.gov.

# Attendant® 600 FS

#### SEED TREATMENT INSECTICIDE

ACTIVE INGREDIENT:	% BY WT.
Imidacloprid (CAS No. 138621-41-3)	48.9%*
OTHER INGREDIENTS:	
TOTAL:	100.0%
	0 . 0

<sup>\*</sup>Contains 5 lbs active ingredient per gallon, or 600 grams active ingredient per liter.

### KEEP OUT OF REACH OF CHILDREN **CAUTION / PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See [back][side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use.

FIRST AID			
IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice.		
	Have person sip a glass of water if able to swallow.		
	Do not induce vomiting unless told to by a poison control center or doctor.		
	Do not give anything by mouth to an unconscious person.		
IF ON SKIN OR	Take off contaminated clothing.		
CLOTHING:	Rinse skin immediately with plenty of water for 15-20 minutes.		
	Call a poison control center or doctor for treatment advice.		
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.		
	Remove contact lenses, if present, after the first 5 minutes, then continue		
	rinsing.		
	Call a poison control center or doctor for further treatment advice.		
Have the product co	ontainer or label with you when calling a poison control center or doctor, or going		
for treatment.			

FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL PROPHARMA:

1-866-303-6952 or +1-651-603-3432.

FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure or accident) CALL CHEMTREC: 1-800-424-9300 or +1-703-527-3887.

For Product Use Information Call 1-866-761-9397

EPA Reg. No. 400-xxx

**EPA Est. No.:** 

xxxxxxV001

**NET CONTENTS:** 

[Batch Code will be placed on the container.]

Produced For:

MacDermid Agricultural Solutions, Inc. c/o ARYSTA LIFESCIENCE NORTH AMERICA, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513

### ACCEPTED

08/01/2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

400-607

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- · Socks and shoes, and
- Chemical-resistant gloves made of nitrile rubber ≥14 mils, butyl rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, barrier laminate, polyvinyl chloride ≥ 14 mils, or Viton ≥ 14 mils.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately, from other laundry.

#### **USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then, wash thoroughly and change into clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing them. As soon as possible, wash thoroughly and change clothing.

#### **ENVIRONMENTAL HAZARDS**

This product is **highly toxic to bees**, **birds and aquatic invertebrates**. Treated seed exposed on soil surface may be hazardous to birds.

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Cover or incorporate spilled treated seeds.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant discharge elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA.

This compound is highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.

#### PHYSICAL AND CHEMICAL HAZARDS

Do not mix or allow to come in contact with an oxidizing agent. A hazardous chemical reaction may occur.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all label directions and precautions carefully before use.

Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**ATTENDANT® 600 FS** is a seed treatment insecticide that protects the labeled seeds and seedlings from injury from certain early-season insects. **ATTENDANT 600 FS** will also provide protection to seed in storage against damage from certain insects. Federal regulations have established official tolerances for pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use this product only at the rates contained on this label.

ATTENDANT 600 FS is formulated for use in commercial seed treatment facilities only, with the exception of application to canola, cotton (delinted seed), field corn, sorghum, wheat and barley, which may be made either in a commercial seed treatment facility or as an end-use seed treatment on agricultural establishments at, or immediately before, planting. See

below for Seed Treatment directions by crop, for application details. **ATTENDANT 600 FS** may be applied with mechanical, slurry, or mist-type seed treating equipment, provided that the equipment is calibrated to accurately and uniformly apply the product to seed. Uniform application to seed is necessary to ensure best insect protection and optimum performance. Only sound and well-cured seed are to be treated. Treatment of highly mechanically damaged seed or seed known to be of low vigor and poor quality may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small test sample of seed before treating commercial quantities with a selected chemical treatment. Due to seed quality and seed storage conditions beyond the control of MacDermid Agricultural Solutions, Inc., MacDermid makes no claims or guarantees as to germination of carry-over seed.

Refer to the application instructions below for label rates and application details. **ATTENDANT 600 FS** will treat similarly to other concentrated imidacloprid seed treatment formulations. The specific treating process and equipment that is most suitable depend on factors such as the seed type, rate, treater type and temperature. Contact your local MacDermid representative or supplier for specific recommendations if assistance is required.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Exception: Once the seed is planted in soil or other planting media, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area without restriction if there will be no contact with soil/subsurface. PPE required for early entry to treated areas that is permit- ted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, chemical-resistant gloves, shoes plus socks, protective eyewear.

**IMPORTANT:** The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye or colorant added to treated seed must be cleared for use under 40 CFR, Part 180.1001. Federal regulations have established official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at the listed rates.

#### ALWAYS MIX PRODUCT THOROUGHLY BEFORE USING

#### IMPORTANT - USE RESTRICTIONS

- Treated seed must not be used for or mixed with food or animal feed or processed for oil.
- Wheat, Barley, Oats, Rye, Triticale and Sorghum: Do not graze or feed livestock on treated areas for 45 days after planting.
- **Cotton (delinted seed only):** Regardless of the type of application (seed treatment, soil, or foliar), do not apply more than a total of 0.4 lb imidacloprid per acre per calendar year.
- Rape greens grown and harvested from ATTENDANT 600 FS treated seed must not be used for human and feed consumption. Rapeseed grown and harvested from ATTENDANT 600 FS treated seed is only for industrial uses and cannot be used for edible oil or any other human / feed consumption.
- Seed-and-pod vegetable seed treated in California must be destined for planting in states other than California and is not to be planted in California.

#### **TANK-MIX RESTRICTION**

It is the pesticide user's responsibility to ensure that all products used in tank-mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture (for example, first aid from one product, spray drift management from another).

Do not exceed the maximum application rate on any product.

Do not mix with any product that prohibits tank-mixing.

Always pretest tank-mixes to assure physical compatibility between formulations.

#### STORED SEED PROTECTION

Applied at labeled rates equal to or above 0.8 fluid ounces per hundredweight (100 lbs of seed), **ATTENDANT 600 FS** will provide protection to seed against injury from the following insects: Indian Meal Moth (*Plodia interpunctella*), Rice Weevil

(Sitophilus oryzea), Red Flour Beetle (*Tribiolium castaneum*) and Lesser Grain Borer (*Rhizopertha dominica*). Fumigate seed that has an existing population of stored grain pests before treating with this product and bagging seed.

#### SEED TREATMENT FOR EARLY SEASON PROTECTION AGAINST CERTAIN SUCKING INSECTS

#### **CANOLA:**

Crop	Pest	Rate (fl oz per 100 wt seed)	Comments
Canola, Rapeseed, Mustard Seed	Aphids, Flea beetles, Wireworms*	10.24 – 25.6	Early season protection of seedlings. In areas where flea beetles and foliar insects are in high numbers, use the higher listed rate. Use higher specified rate when pest populations are above historical levels.  *Suppression only
	Second generation Lygus bugs (including <i>Lygus</i> spp), Cabbage seedpod, Weevil larvae (including <i>Ceuto-rhynchus assimilis</i> )	15.36 – 25.6	For suppression only. Use higher specified rate when pest populations are above historical levels.

#### For End-Use Application at Agricultural Establishments:

- · Always mix this product thoroughly before using.
- Apply using equipment such as a HCBT or Eight-Bag Batch Treater.
- Apply 5.1 12.8 fl oz of ATTENDANT 600 FS per 50-pound bag of seed.
- This product may be diluted with an approved fungicide mixture for extended disease protection.
- When using a batch treater, treat one-half of seed with one-half of the slurry mix; then add the remainder of the seed and slurry, and continue mixing until all seed is thoroughly covered.

#### **SAFFLOWER:**

Crop	Pest	Rate (fl oz per 100 wt seed)	Comments
Safflower	Wireworms*	0.25 - 0.50 mg ai/seed	Sunflower seed treated in California must be
Sunflower	Wireworms*, Seed corn maggots*, Flea beetles	(1 fl oz of product contains 17.7 g imidacloprid)	destined for planting in states other than California and is not to be planted in California.
			*Suppression only.

#### For Commercial Seed Treatment Facilities Only:

- To provide early season protection of seedlings against wireworms, apply using HCBT or a batch treater at 12.8 fl oz per hundredweight of seed.
- **Sunflower:** To provide early season protection of seedlings against wireworms, seed corn maggots and flea beetles apply using an HCBT or a batch treater at 12.8 fl oz per hundredweight of seed.

#### CORN, FIELD:

For the protection of corn plants from the corn insect pests listed in the Field Corn table. Apply as a seed treatment at the specified rates listed in the Field Corn table.

Crop	Pest	Rate	Comments
		(fl oz per 80,000 seed unit)	
Corn, field	Corn root worms¹ (including Northern, Western, Southern, and Mexican), Southern green stinkbug, Southern corn leaf beetle, Billbug², Black cutworm³, Flea beetle, Chinch bug, Seed corn maggot*, Thrips, Wireworm*, Corn leaf aphid, Imported fire ant, White grub, Grape colaspis²	6.0 (delivers 1.34 mg ai / kernel)	In areas of heavy to severe corn rootworm populations, protection will not be adequate. Use only in areas of light to moderate corn rootworm populations. Consult your State Agricultural Extension Service on levels of corn rootworm populations.  Reduces early season feeding damage.  Will reduce feeding damage caused by leaf feeding black cutworms that are ½ inch or less in length.  Reduces feeding damage during emergence and seedling stages.  *Suppression only
	Flea beetle, Chinch bug, Seed corn maggot*, Thrips, Wireworm*, Corn leaf aphid, Imported fire ant², White grub, Grape colapsis	2.70 (delivers 0.6 mg ai / kernel)	
	Seed corn maggot (seed protection only), Wireworm (seed protection only), Flea beetle (through 1 leaf stage), Imported fire ant, White grub <sup>4</sup>	0.72 (delivers 0.16 mg ai/ kernel)	

#### For End-Use Application at Agricultural Establishments:

- Apply using equipment such as a HCBT or Eight-Bag Batch Treater.
- Always mix this product thoroughly before using.
- Dilute ATTENDANT 600 FS with water or an approved fungicide seed treatment mixture for extended disease protection.
- The final slurry rate must be adjusted to apply 8 10 fl ozs of diluted slurry per 50-pound bag of seed.
- Treat one-half of seed with one-half of slurry mix. Add balance of seed and apply the balance of the slurry. Allow mixing until all seed is thoroughly covered.
- Apply 0.75 oz of dry talc per 50-pound bag of seed following the ATTENDANT 600 FS application and allow it to distribute
  evenly on the seed.

#### **CORN, SWEET:**

Crop	Pest	Rate	Comments
		(fl oz per 100 wt seed)	
Corn,	Flea beetle,	6.4	Mix slurry so that it is applied
Sweet	Early season corn leaf aphid,		at a rate of 16 - 20 fl oz of
	Seed corn maggot*,		diluted solution per 100 wt of
	Wireworm*		seed.
	Imported fire ant,	3.2 – 6.4	
	Early season corn leaf aphid,		*Suppression only
(Commercial seed	Seed corn maggot*,		
treatment facility)	Wireworm*		
treatment facility)	Imported fire ant,	1.6 – 3.2	
	Seed corn maggot* (seed protection),		
	Wireworm* (seed protection)		
	Wireworm* (seed protection)	0.8 – 1.6	

#### POPCORN:

To provide early season protection of seedlings against injury by flea beetles, apply as a commercial seed treatment at 6.4 fl oz per 100 lb sed.

Crop	Pest	Rate (fl oz per 100 wt seed)	Comments
Popcorn (Commercial seed treatment facility)	Flea beetle	6.4	Mix slurry so that it is applied at a rate of 16 – 20 fl oz of diluted solution per 100 wt of seed.

#### SORGHUM:

Crop	Pest	Rate (fl oz per 100 wt seed)	Comments
Sorghum	Aphids (including Corn leaf, English grain, Greenbug, and Yellow sugar cane aphid), Chinch bugs, Imported Fire ants, Wireworms*	6.4	Thorough coverage is necessary for optimal control.  Restriction: DO NOT graze or feed livestock on treated areas for 45 days after planting.
			*Suppression only

#### For End-Use Application at Agricultural Establishments:

- Apply using a HCBT or an Eight-Bag Batch Treater.
- · Always mix product thoroughly before using.
- Dilute 3.2 fl oz of **ATTENDANT 600 FS** with water.
- This product must be diluted for a slurry application rate of 8 10 fluid ounces of slurry per 50 pounds of seed.
- Treat one-half of the seed with one-half of the slurry mix. Then add remainder of the seed and slurry, and continue mixing until all seed is thoroughly covered.
- Add dry talc at the rate of 0.75 ounce per 50 pounds of seed after slurry treatment, and allow it to distribute evenly on the seed.
- RESTRICTION: DO NOT graze or feed livestock on treated areas for 45 days after planting.

#### WHEAT, BARLEY, OATS, RYE, TRITICALE:

Crop	Pest	Rate	Comments
		(fl oz per 100 wt seed)	
Wheat, Barley, Oats, Rye, Triticale	Aphids (including Bird cherry-oat, English grain, Greenbug, and Russian wheat aphid), Hessian fly	0.8 – 2.4	Provides early season protection of seedlings. Reduces possible spread of barley yellow dwarf virus disease from aphid vectoring.  Use the higher listed rate to increase time of protection and/or when insect pressure is heavy.
	Wireworms*	0.13 – 0.26	*Suppression only
			Use the higher listed rate to increase time of protection and/or when insect pressure is heavy.
	Grasshoppers	1.2 – 2.4	To help minimize early season damage from grasshoppers: Treated seed may be planted as a 50- to 60-foot border around the perimeter of the field.
			Use the higher listed rate to increase time of protection and / or when insect pressure is heavy.
			Consult your local agricultural extension service office for grasshopper control information specific to your area.

#### For End-Use Application at Agricultural Establishments:

- · Always mix product thoroughly before using.
- Apply using equipment such as a Total Slurry Treater (TST), Farmer Applied Seed Treater (F.A.S.T.) or other on-farm seed treating equipment to deliver accurate rates of **ATTENDANT 600 FS**.
- Apply 0.8 2.4 fl oz per hundredweight (cwt) of seed as a slurry treatment prior to planting.
- ATTENDANT 600 FS must be combined with a fungicide product for seed and seedling protection against fungal pathogens, as well as the listed insects. Depending on the fungicide product used, dilution with water may be necessary for optimum coverage. ATTENDANT 600 FS may also be applied on-farm to seed previously treated with a fungicide. In this case, dilution is necessary.
- RESTRICTION: DO NOT feed or graze livestock on treated areas for 45 days after planting.

#### **COTTON (DELINTED SEED ONLY):**

Crop	Pest	Rate (fl oz per 100 wt seed)	Comments
Cotton (delinted seed only)	Thrips, Aphids	12.8 (Equivalent to 0.375 mg ai/seed)	Provides protection of seedlings against injury. <b>RESTRICTION:</b> DO NOT apply more than a total of 0.5 lb of imidacloprid per acre per cropping cycle, regardless of the type of application (seed treatment, soil, or foliar).  Do not apply more than 12.8 fl oz per 100 wt seed prior to planting as a slurry treatment so as to ensure thorough coverage.

#### For End-Use Application at Agricultural Establishments:

- Always mix product thoroughly before using.
- Apply using equipment such as a HCBT or Eight-Bag Batch Treater at the listed rates in the table above.
- This product may be diluted/slurried with water or an approved fungicide for disease control. Mix slurry so that rate is 8 10 fluid ounces of diluted slurry per 50 pounds of seed.
- When using a batch treater, treat one-half of the seed with one-half of the slurry; then add the remainder of seed and slurry, and continue mixing until all seed is thoroughly covered.

#### **SUGAR BEETS:**

Crop	Pest	Rate (fl oz per 100 wt seed) 1	Comments
Sugar Beets	Whiteflies, Aphids, Leafhoppers², Root aphids, Thrips, Wireworms*	2.4 – 5.0	IMPORTANT: if rate exceeds 3.0 fl. oz. per unit, seed must be pelleted with at least 2 parts of pelleting mixture per part of raw seed.  ¹ On a unit of pelleted sugar beet seed with a weight ratio of at least 2:1 pelleting mixture to raw seed (seed count 100,000 seed-approximately 1 kilogram by weight). ² Including reducing risk of spread of Curly top and Yellow mosaic virus by insect vectors.  If applying to non-pelleted raw seed, apply in a film coat and do not exceed a rate of 2.4 fl oz per 100,000 seeds, (approximately 1 kilogram by weight) *Suppression only.

#### For Commercial Seed Treatment Facilities Only:

Apply at the listed rates specified above with any mechanical, slurry, or mist-type seed treating equipment, provided
that the equipment is calibrated to accurately and uniformly apply the product to seed.

#### **SOYBEANS:**

Crop	Pest	Rate	Comments
Soybean	Seed corn maggots*, Soybean aphids, Over-wintering Bean leaf beetles, Thrips, Wireworms*, White grubs (suppression only)	1.6 – 3.2  To deliver 0.0747 – 0.2336 mg ai per seed*, apply 0.59 – 1.84 fl oz. of product per 140,000 seeds (Based on average of 3,000 seeds per lb)	Helps reduce the feeding damage caused by listed pests and the spread of certain viruses.  Use the higher listed rate to provide increased length of protection and for heavy insect pressure.
			as an over-treatment.  *Suppression only

#### **RESTRICTIONS:**

- DO NOT graze or feed live- stock on soybean forage or hay grown from treated seed.
- \*Do not apply by seed treatment more than 0.067 lb of active ingredient imidacloprid per acre per season based on 3,000 soybean seed per pound and a planting rate of 160,000 seed per acre.

#### **BEANS AND PEAS:**

Crop	Pest	Rate	Comments
		(fl oz per 100 wt seed)	
Beans and Peas	Wireworms*,	1.6 – 3.2	*Suppression only.
(dried or succulent	Bean leaf beetles,		, ,
shelled and edible	Imported fire ants,		**RESTRICTION: Seed-and-pod
podded)**	Aphids		vegetable seed treated in
(Adzuki bean,			California must be destined for
Asperagus Bean, Broad			planting in states other than
Bean (succulent or dry),			California and is not to be planted
Catjang Bean, Chinese			in California.
longbean, Field Bean,			
Guar Bean, Jackbean,			
Kidney Bean, Lablab			
Bean, Lima Bean			
(Succulent or Dry),			
Moth Bean (Succulent			
or Dry), Mung Bean,			
Navy Bean, Pinto Bean,			
Rice Bean, Runner			
Bean, Snap Bean,			
Sword Bean, Tepary			
Bean, Urd Bean, Wax			
Bean, Yardlong Bean,			
Blackeyed Pea			
(Succulent or Dry), Chickpea, Cowpea			
(Succulent or Dry),			
Crowder Pea, Dwarf			
Pea, Edible-Pod Pea,			
English Pea, Field Pea,			
Garden Pea, Green			
Pea, Pigeon Pea			
(Succulent or Dry),			

Snow Pea, Southern Pea (Succulent or Dry), Sugar Snap Pea, Grain Lupin, Sweet Lupin, White Lupin, White Sweet Lupin, Lentil		

#### **ROTATIONAL CROPS**

Treated areas may be replanted with any crop specified on an imidacloprid label, or any crop for which a tolerance exists for the active ingredient, as soon as practical following the last application. For all other crops not listed on an imidacloprid label, or for crops for which no tolerances for the active ingredient has been established, a 12-month plant-back interval must be observed. The following plant-back intervals must be observed for listed crops:

Rotational Plant-Back Intervals*				
Immediate Plant-Back				30-Day Plant-Back
Artichoke Barley Borage Brassica (cole) Leafy Vegetables Bulb Veg Canola Cilantro Corn, Field Corn, Sweet Cotton Cranberry	Crambe Cucurbits Eggplant Flax Groundcherry Vegetable, Leaf Petiole (Sub-group 4B) Vegetables, Leafy (Sub-group 4A) Vegetables, Legume (succulent or dried, including soybean)	Millet Mustard Seed Oats Okra Pepinos Pepper Popcorn Potato Rapeseed Root and Tuber Vegetables	Rye Safflower Sorghum Soybean Strawberry Sugarbeet Sunflower Tomatillo Tomato Triticale Watercress Wheat	Buckwheat Rice

<sup>\*</sup>Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed.

Notification of the crop rotational restriction must be conveyed to the grower by appropriate seed tag labeling or bag printing on all seed units.

#### TREATED SEED BAG LABELING

Seed commercially treated with **ATTENDANT 600 FS** Seed Treatment must be labeled in accordance with all applicable requirements of the Federal Seed Act. The user of this product is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

# THE FEDERAL SEED ACT REQUIRES THAT BAGS CONTAINING TREATED SEEDS BE LABELED WITH THE FOLLOWING STATEMENTS:

- This seed has been treated with an imidacloprid insecticide.
- DO NOT use treated seed for feed, food, or oil purposes.

# THE US ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON BAGS CONTAINING SEEDS TREATED WITH ATTENDANT 600 FS

- This product is highly toxic to bees, birds and aquatic invertebrates.
- Ensure that planting equipment is functioning properly in accordance with manufacturer specifications to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.
- Store away from feeds and foodstuffs.
- Wear long sleeved shirt, long pants, and chemical-resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Dispose of all excess treated seed and seed packaging in accordance with local requirements. Leftover treated seed may be buried away from water sources in accordance with local requirements.

- DO NOT contaminate water bodies when disposing of planting equipment washwater.
- DO NOT allow children, pets, or livestock to have access to treated seed.
- Treated seed must be adequately covered with soil at planting.
- In the event of a crop failure or harvest of a crop grown from Attendant 600 FS treated seed, the field may be replanted immediately to artichoke, barley, borage, Brassica (cole) leafy vegetables, bulb vegetables, canola, cilantro, corn (field or sweet), cotton, cranberry, crambe, cucurbits, eggplant, flax, groundcherry, leafy petiole vegetables, leafy vegetables, legume vegetables (succulent or dried including soybean), millet, mustard seed, oats, okra, pepinos, pepper, popcorn, potato, rapeseed, rye, safflower, sorghum, soybean, strawberry, sugarbeets, sunflower, tomatillo, tomato, triticale, root and tuber vegetables, watercress, and wheat. For cereals, including buckwheat and rice, the minimum plant back interval is 30 days from the date Attendant 600 FS treated seed was planted.

For all other crops not listed on an imidacloprid label or for crops for which no tolerance for the active ingredient has been established a 12-month plant back interval must be observed.

- The maximum application rate (including seed treatment foliar application and soil application) per acre per year for imidacloprid is 0.4 lb ai.
- This seed has been treated with \_\_\_lbs imidacloprid per \_\_\_\_lbs of seed [ or \_\_\_\_\_mg imidacloprid pe seed].
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticides remain in the ethanol by-products that are used in agronomic practice.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal, or by cleaning of equipment.

**PESTICIDE STORAGE:** Store in original container only. After partial use, replace lid and close tightly. Store in a secure place that is temperate, dry and out of direct sunlight. Protect from freezing temperatures.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### **CONTAINER HANDLING:**

#### Non-refillable Container

**Plastic Containers**: Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Then offer container for recycling, reconditioning, or puncture and dispose of in a sanitary landfill, by incineration.

**Triple rinse as follows:** For containers with capacity equal to or less than 5 gallons: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Add water - at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume - and recap. Shake for 30 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water. For containers with capacities greater than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Add water - at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 60 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water.

#### **Refillable Container**

Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents into application equipment or mix tank. Add water - at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume. Replace and tighten closure. Agitate vigorously or recirculate the rinsate with a pump for at least 2 minutes, ensuring that the rinsate rinses the walls of the container. Empty the rinsate into application equipment or rinsate collection system, for later use or disposal. Repeat this procedure two more times. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water.

#### Recycling

Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact the Ag Container Recycling Council (ACRC) at 1-877-952-2272 (toll free) or www.acrecycle.org.

#### **Warranty and Disclaimer Statement**

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of MacDermid Agricultural Solutions, Inc. ("MacDermid"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer.

MacDermid warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to MacDermid, and is subject to the inherent risks described above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MACDERMID DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MACDERMID, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION,

STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF MACDERMID IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF MACDERMID, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT MACDERMID'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

Arysta LifeScience and the Arysta LifeScience logo are registered trademarks of Arysta LifeScience Corporation. ATTENDANT is a registered trademark of an Arysta LifeScience Group Company. ©2017 Arysta LifeScience Group Company.